

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030621\
 Data File : BN013861.D
 Acq On : 05 Mar 2021 16:03
 Operator : CG/JU
 Sample : M1574-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-150-160-030421

Quant Time: Mar 05 16:32:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 13:34:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

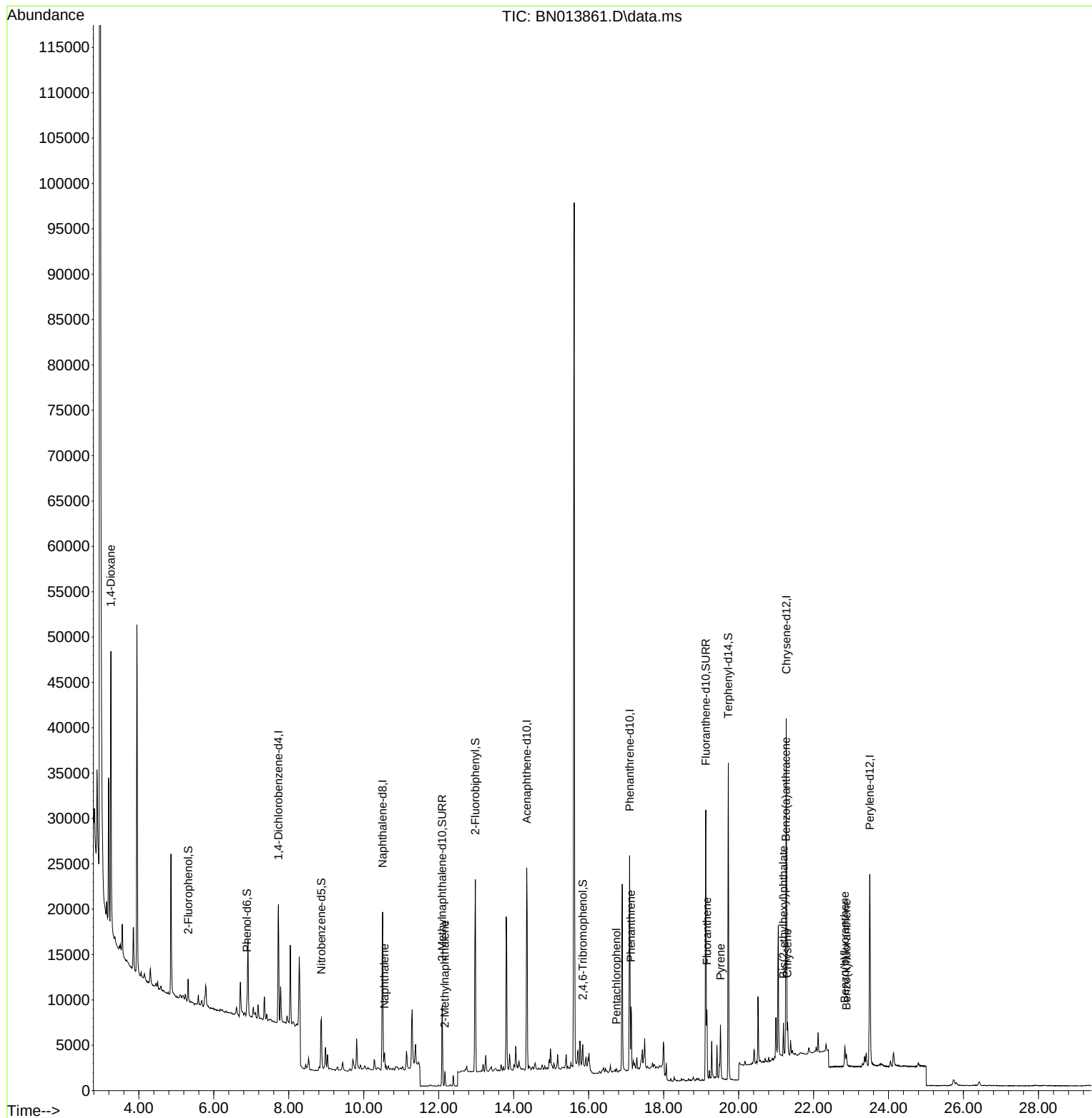
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	6085	0.40	ng	0.00
7) Naphthalene-d8	10.505	136	23582	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	13406	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	30150	0.40	ng	0.00
29) Chrysene-d12	21.271	240	32813	0.40	ng	# 0.00
36) Perylene-d12	23.500	264	28003	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.317	112	1866	0.11	ng	0.00
5) Phenol-d6	6.887	99	1430	0.07	ng	0.00
8) Nitrobenzene-d5	8.870	82	4965	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.093	152	11374	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	1825	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	17725	0.37	ng	0.00
27) Fluoranthene-d10	19.124	212	31882	0.36	ng	0.00
31) Terphenyl-d14	19.725	244	32683	0.45	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.255	88	17469	2.37	ng	# 94
9) Naphthalene	10.556	128	2195	0.04	ng	# 89
12) 2-Methylnaphthalene	12.164	142	1088	0.03	ng	# 91
24) Pentachlorophenol	16.739	266	117	0.02	ng	86
25) Phenanthrene	17.128	178	8229	0.10	ng	99
28) Fluoranthene	19.154	202	6766	0.07	ng	# 93
30) Pyrene	19.516	202	5279	0.05	ng	96
32) Benzo(a)anthracene	21.261	228	2509	0.02	ng	# 89
33) Chrysene	21.303	228	3203	0.03	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.197	149	3094	0.06	ng	98
37) Benzo(b)fluoranthene	22.832	252	2432	0.03	ng	# 29
38) Benzo(k)fluoranthene	22.873	252	1741	0.02	ng	# 38

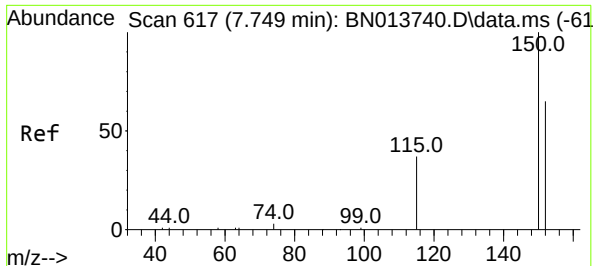
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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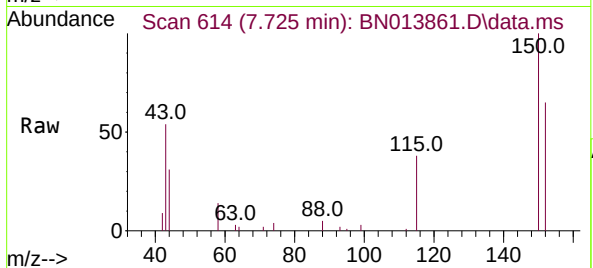
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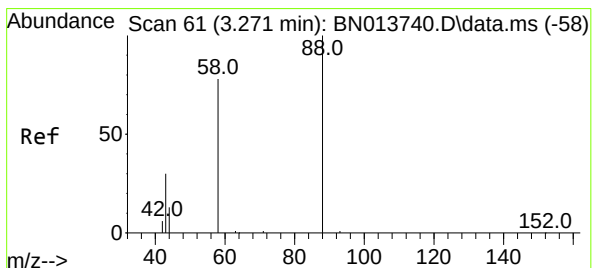
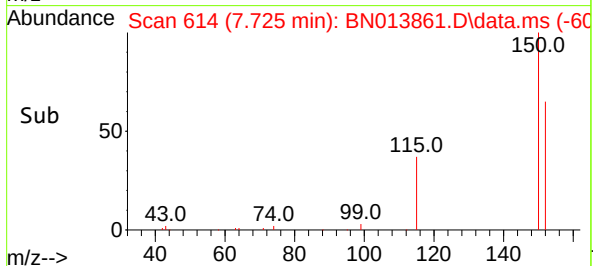
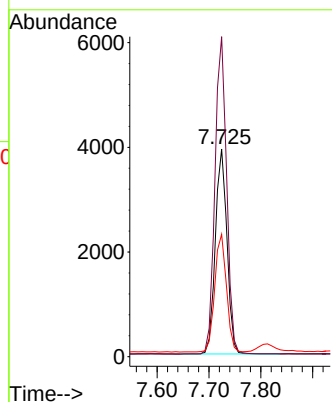
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.725 min Scan# 614
 Delta R.T. 0.001 min
 Lab File: BN013861.D
 Acq: 05 Mar 2021 16:03

Instrument :
 BNA_N
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 GWBR3-150-160-030421



Tgt Ion: 152 Resp: 6085

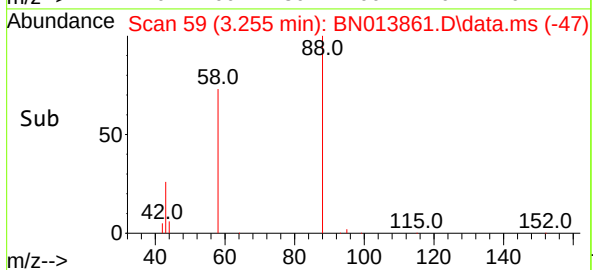
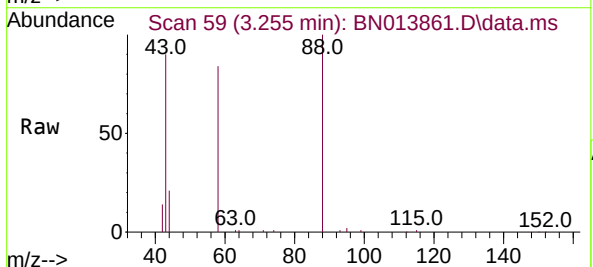
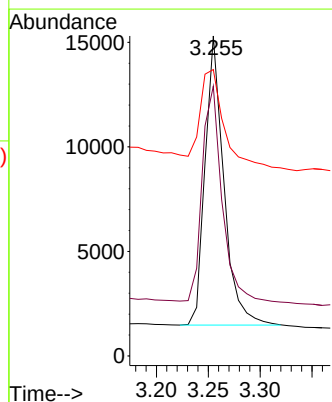
Ion	Ratio	Lower	Upper
152	100		
150	154.1	121.8	182.8
115	59.0	46.6	69.8

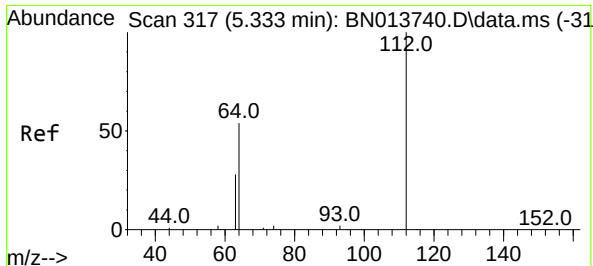


#2
 1,4-Dioxane
 Concen: 2.37 ng
 RT: 3.255 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: BN013861.D
 Acq: 05 Mar 2021 16:03

Tgt Ion: 88 Resp: 17469

Ion	Ratio	Lower	Upper
88	100		
58	79.0	64.6	96.8
43	42.6	26.6	40.0

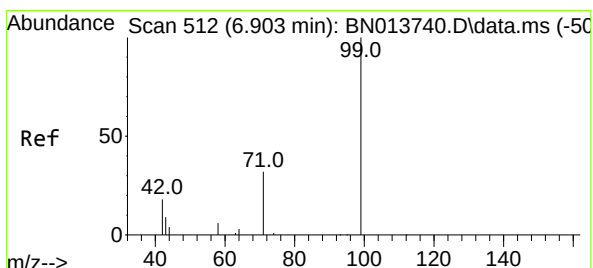
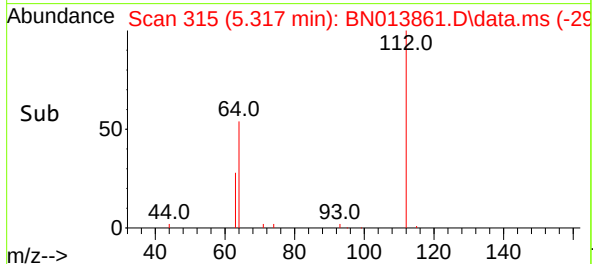
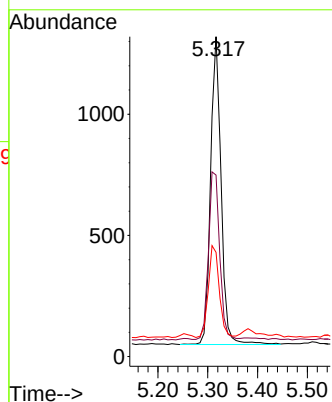
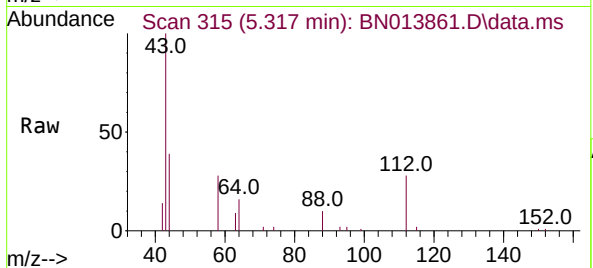




#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.317 min Scan# 315
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

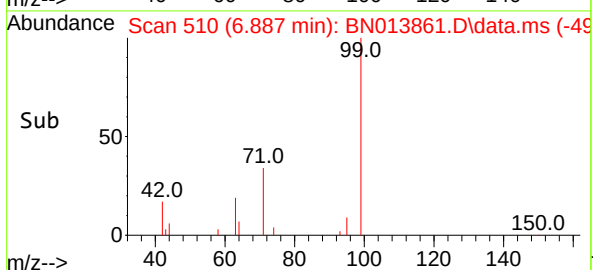
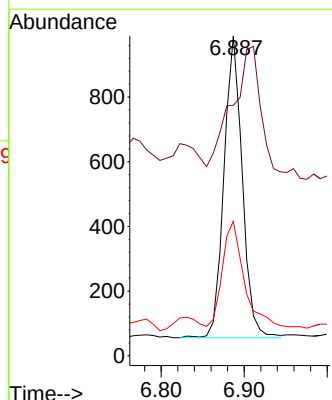
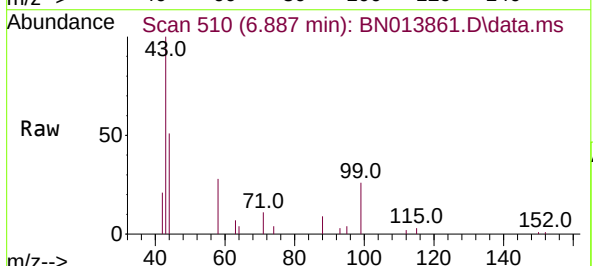
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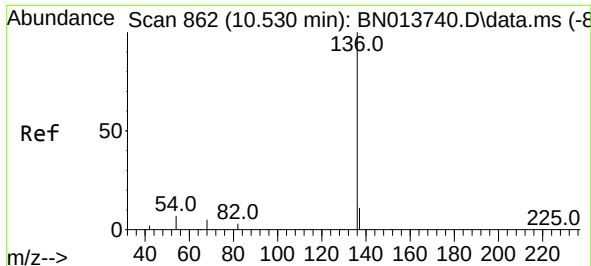
Tgt Ion:	112	Resp:	1866
Ion Ratio	100	Lower	Upper
64	57.6	44.3	66.5
63	30.9	23.0	34.6



#5
Phenol-d6
Concen: 0.07 ng
RT: 6.887 min Scan# 510
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion:	99	Resp:	1430
Ion Ratio	100	Lower	Upper
42	0.0	15.2	22.8#
71	42.7	26.1	39.1#

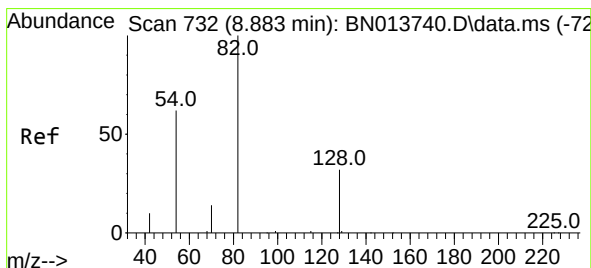
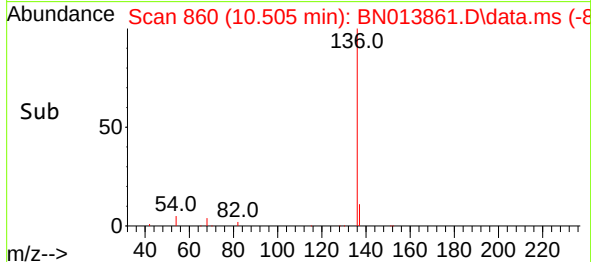
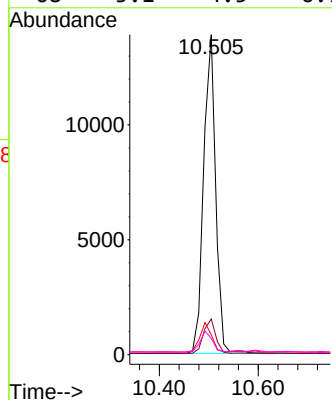
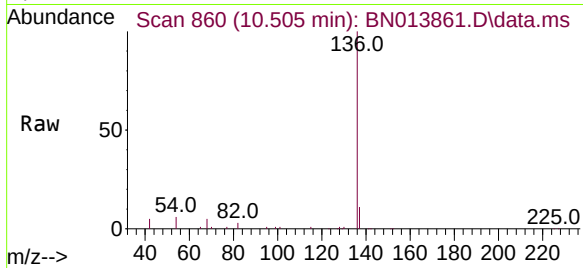




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

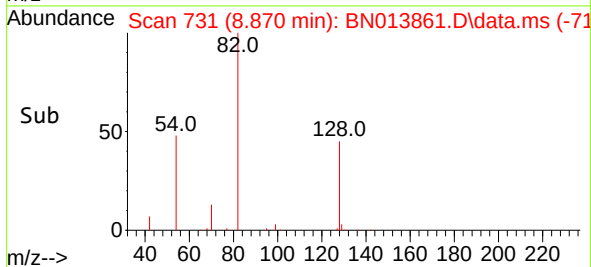
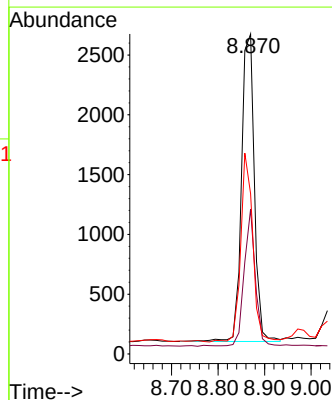
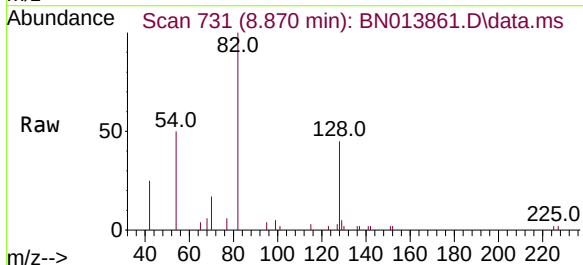
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ClientSampleId :
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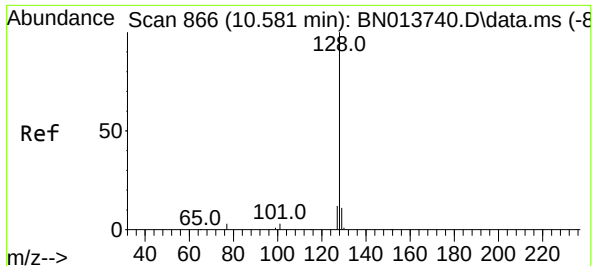
Tgt Ion:136	Resp:	23582
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.6
54	6.2	6.4 9.6#
68	5.1	4.5 6.7



#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.870 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion: 82	Resp:	4965
Ion Ratio	Lower	Upper
82	100	
128	45.3	39.2 58.8
54	50.0	40.1 60.1

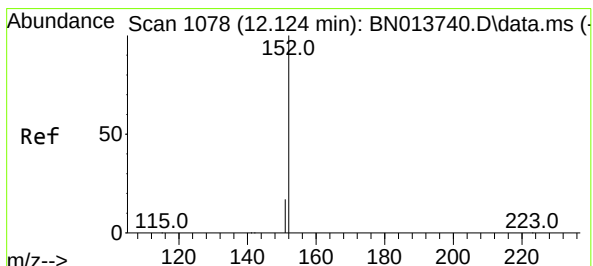
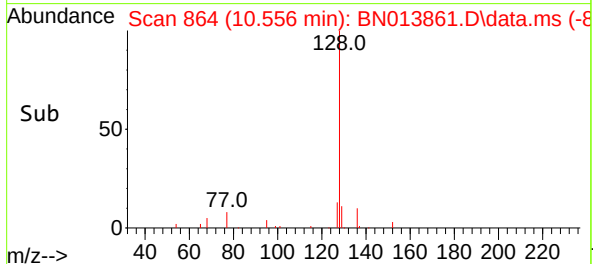
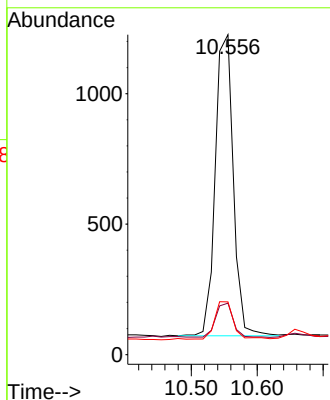
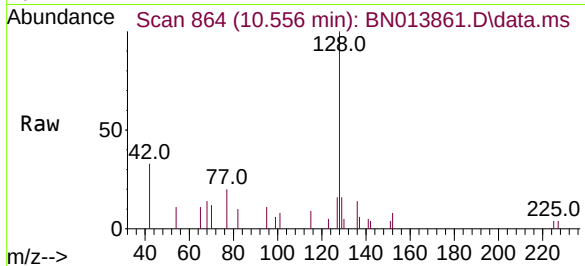




#9
Naphthalene
Concen: 0.04 ng
RT: 10.556 min Scan# 864
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

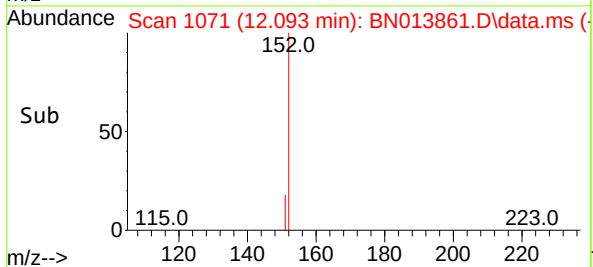
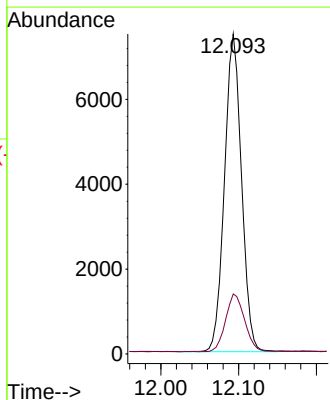
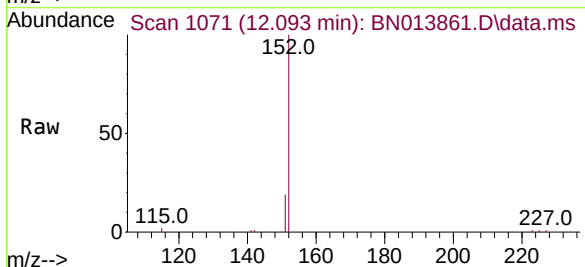
Instrument :
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ClientSampleId :
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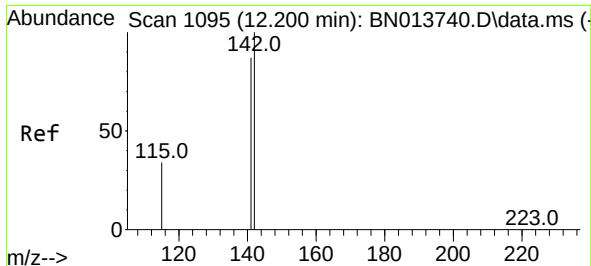
Tgt Ion:128 Resp: 2195
Ion Ratio Lower Upper
128 100
129 16.1 9.0 13.4#
127 16.5 10.4 15.6#



#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.093 min Scan# 1071
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion:152 Resp: 11374
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2

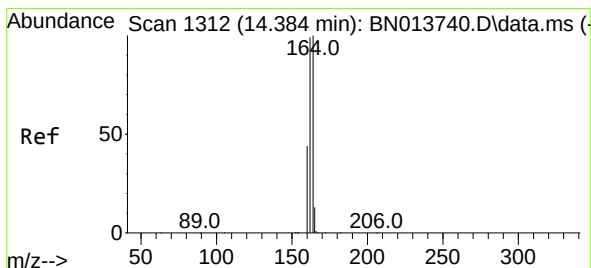
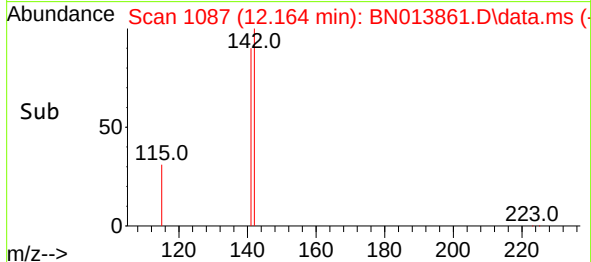
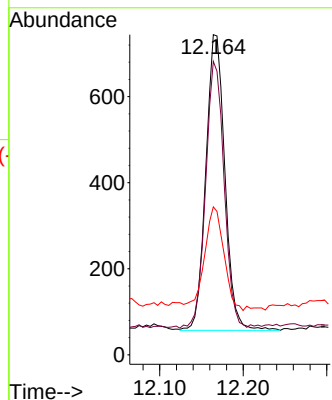
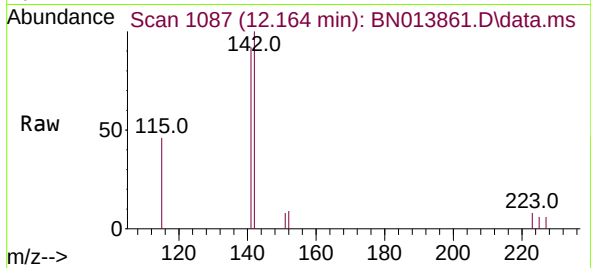




#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.164 min Scan# 1087
Delta R.T. -0.004 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

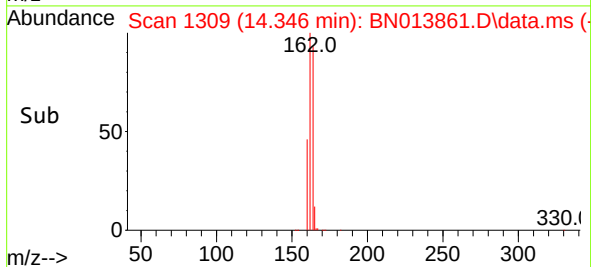
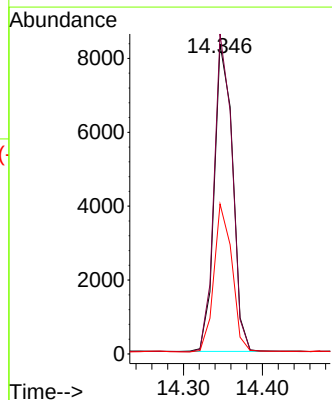
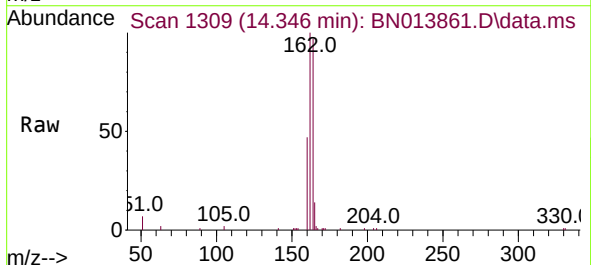
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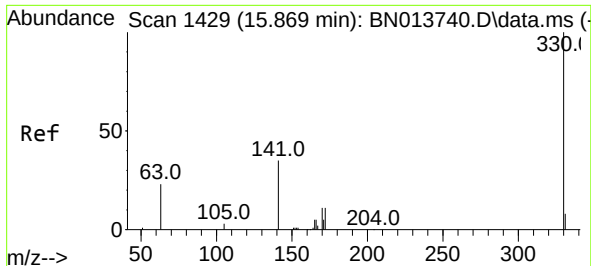
Tgt Ion:142 Resp: 1088
Ion Ratio Lower Upper
142 100
141 91.7 70.5 105.7
115 46.2 27.4 41.0#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion:164 Resp: 13406
Ion Ratio Lower Upper
164 100
162 103.2 79.6 119.4
160 48.4 36.0 54.0

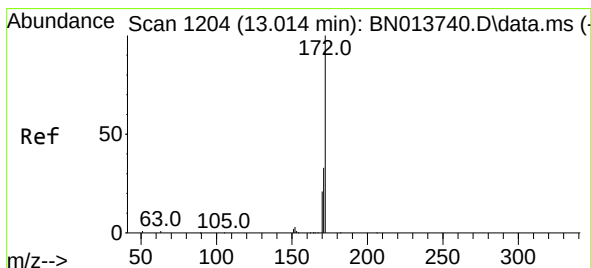
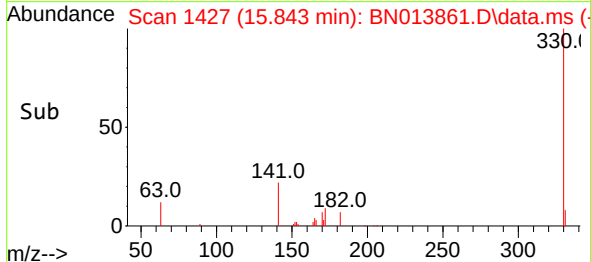
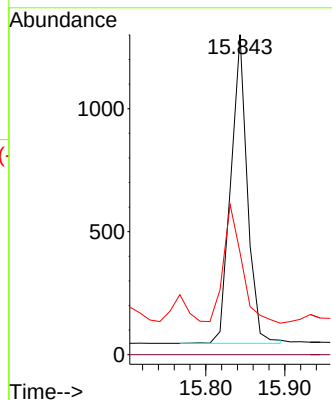
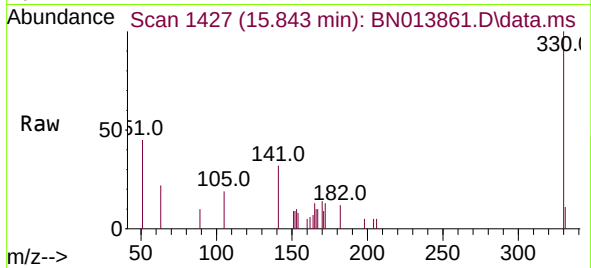




#14
2,4,6-Tribromophenol
Concen: 0.33 ng
RT: 15.843 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

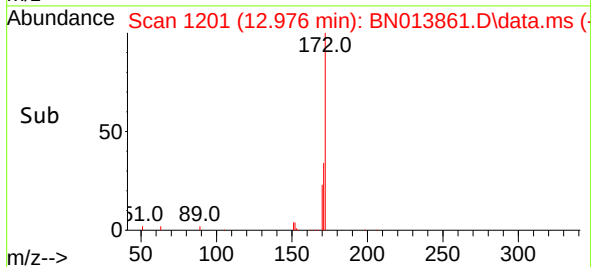
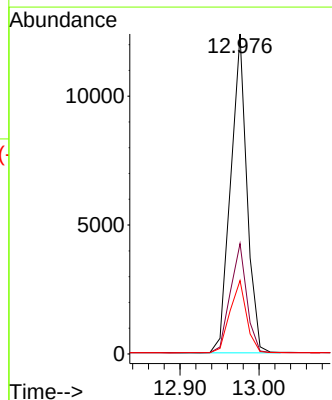
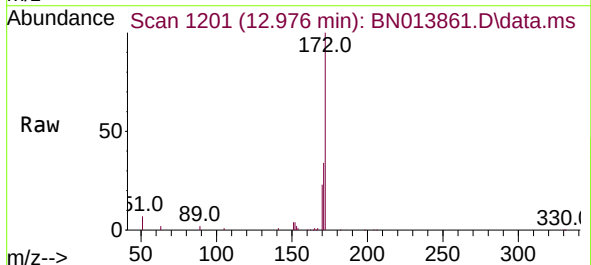
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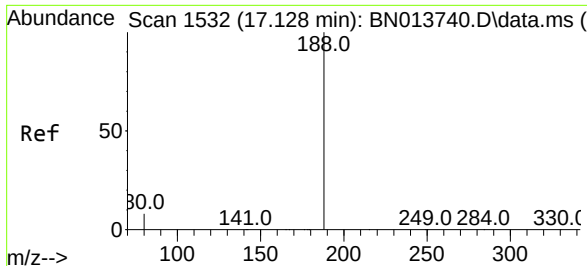
Tgt Ion:330 Resp: 1825
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.5 26.8 40.2#



#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.976 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion:172 Resp: 17725
Ion Ratio Lower Upper
172 100
171 34.5 28.6 42.8
170 23.0 18.9 28.3

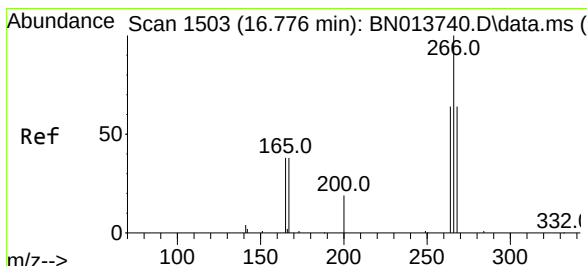
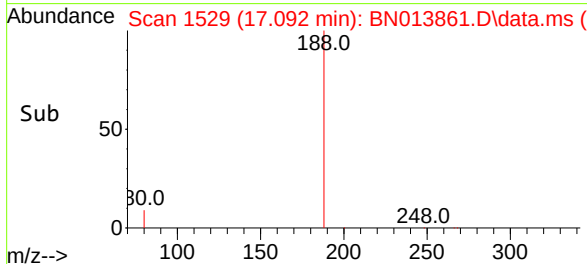
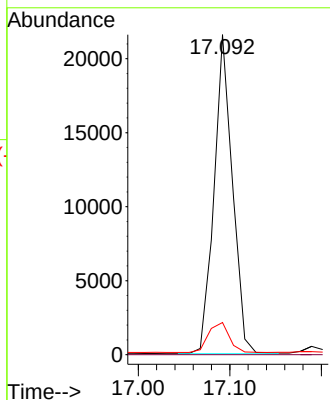
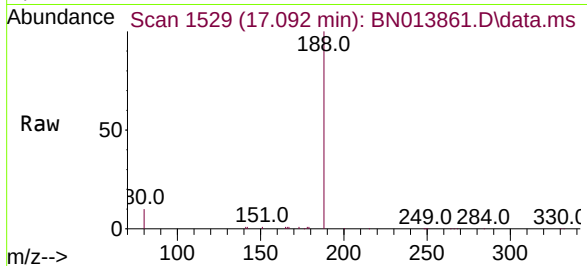




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

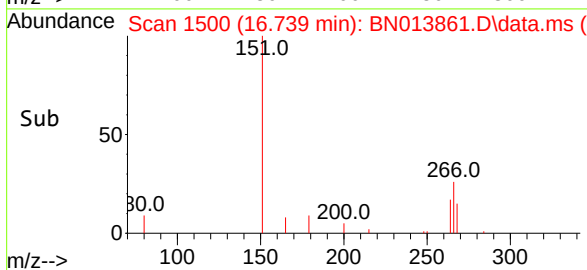
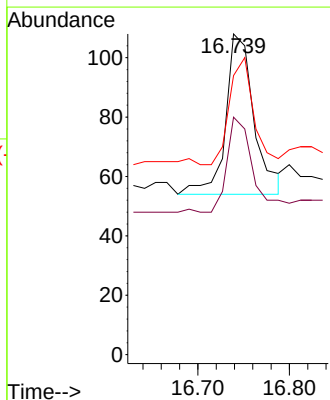
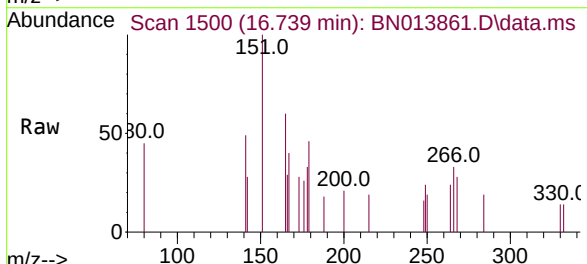
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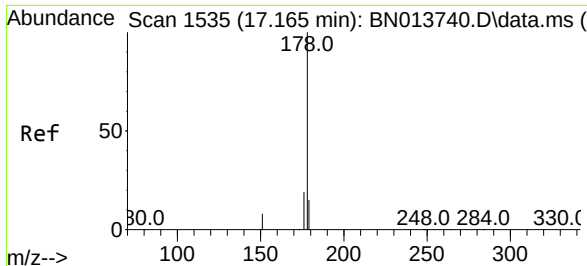
Tgt Ion:188 Resp: 30150
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 9.0 13.6



#24
Pentachlorophenol
Concen: 0.02 ng
RT: 16.739 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion:266 Resp: 117
Ion Ratio Lower Upper
266 100
264 54.7 51.6 77.4
268 56.4 54.6 82.0

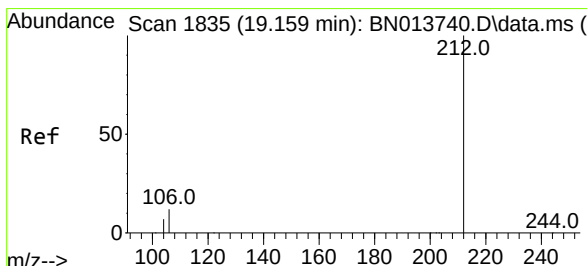
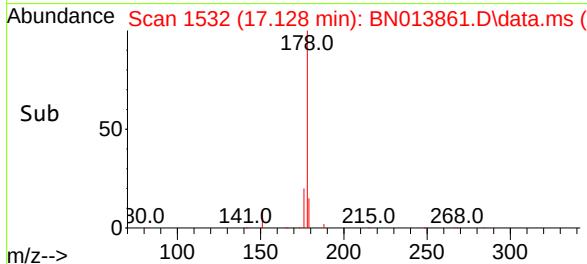
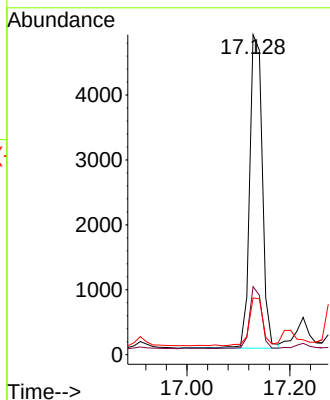
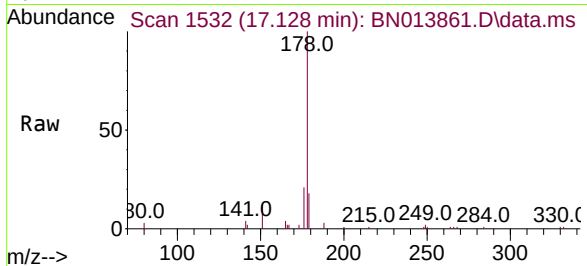




#25
Phenanthrene
Concen: 0.10 ng
RT: 17.128 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

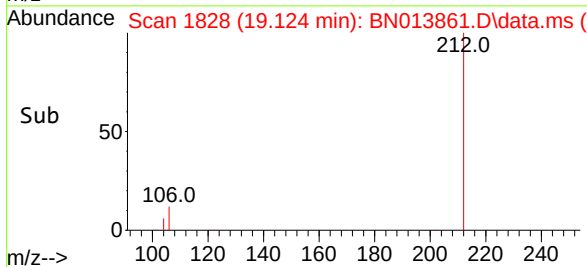
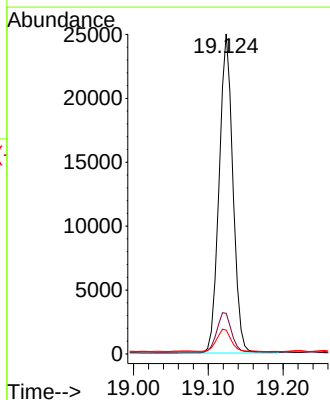
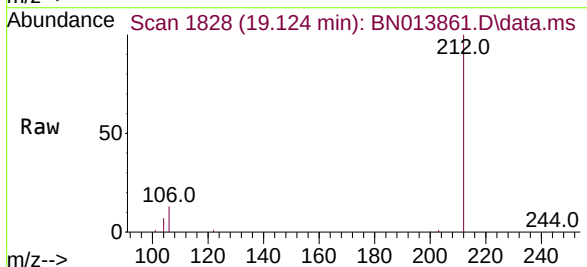
Instrument :
BNA_N
ClientSampleId :
GWBR3-150-160-030421

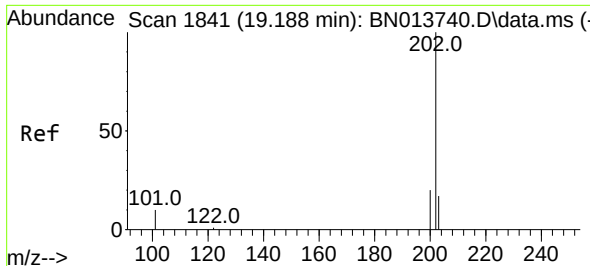
Tgt Ion:178	Resp:	8229
Ion Ratio	Lower	Upper
178	100	
176	18.6	15.0 22.4
179	16.1	12.3 18.5



#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.124 min Scan# 1828
Delta R.T. -0.005 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion:212	Resp:	31882
Ion Ratio	Lower	Upper
212	100	
106	12.9	9.7 14.5
104	7.4	5.5 8.3

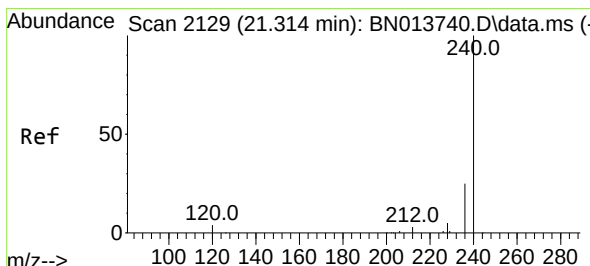
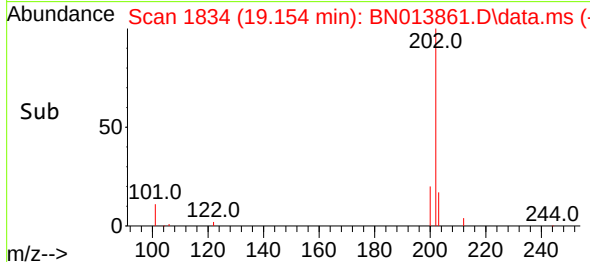
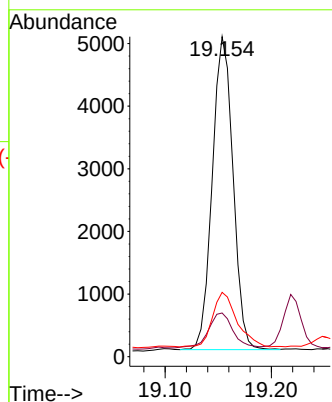
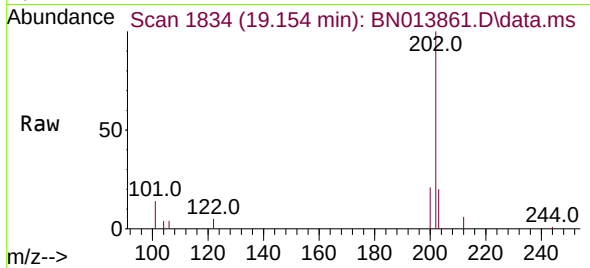




#28
Fluoranthene
Concen: 0.07 ng
RT: 19.154 min Scan# 1834
Delta R.T. -0.005 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

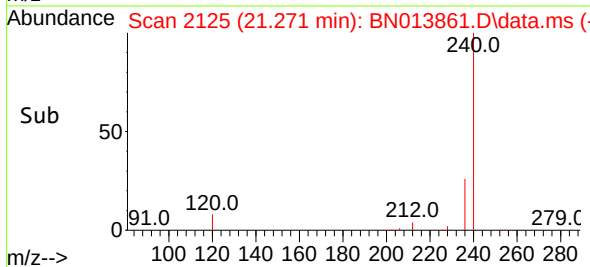
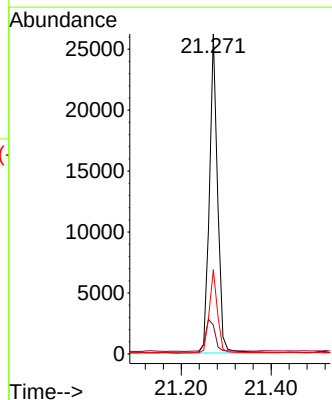
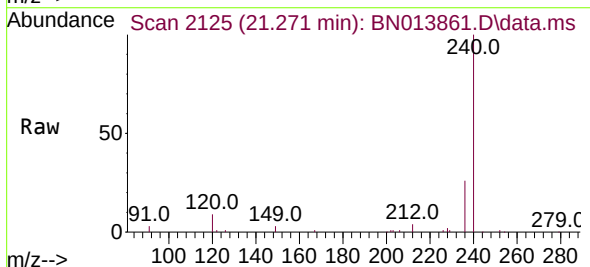
Instrument :
BNA_N
ClientSampleId :
GWBR3-150-160-030421

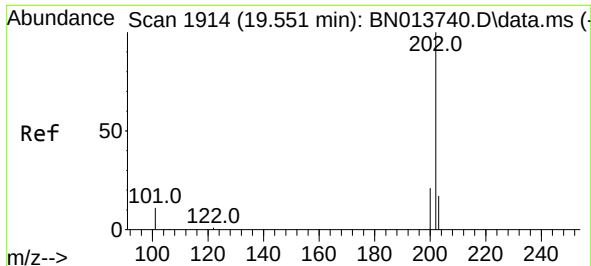
Tgt Ion:202 Resp: 6766
Ion Ratio Lower Upper
202 100
101 13.0 8.1 12.1#
203 20.5 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.271 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion:240 Resp: 32813
Ion Ratio Lower Upper
240 100
120 9.0 10.2 15.4#
236 26.3 21.3 31.9

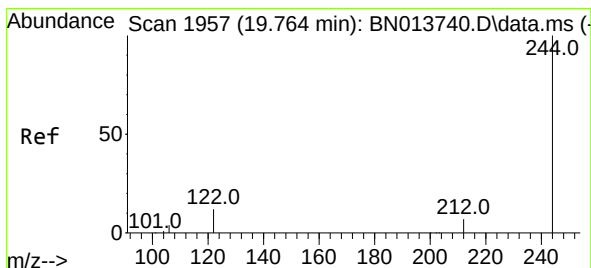
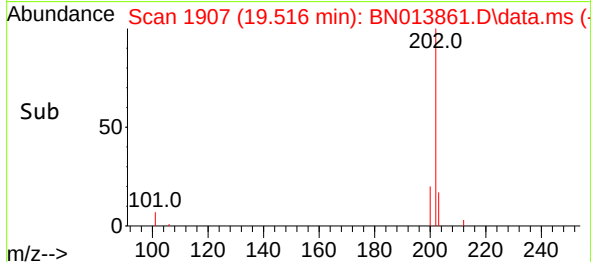
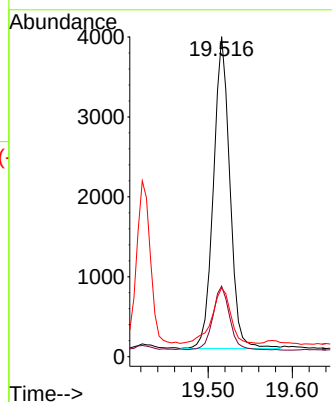
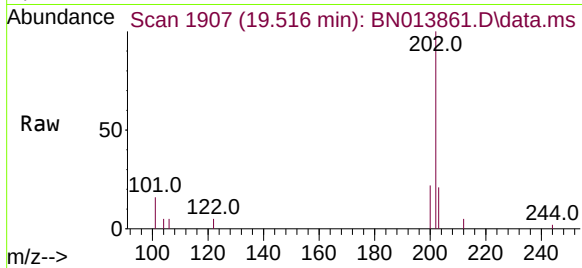




#30
Pyrene
Concen: 0.05 ng
RT: 19.516 min Scan# 1907
Delta R.T. -0.005 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

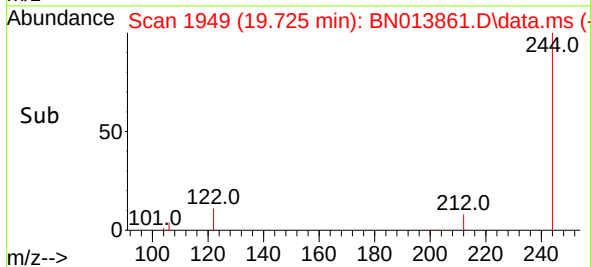
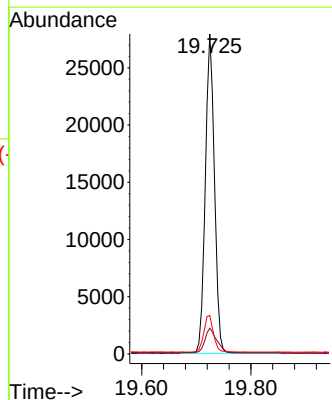
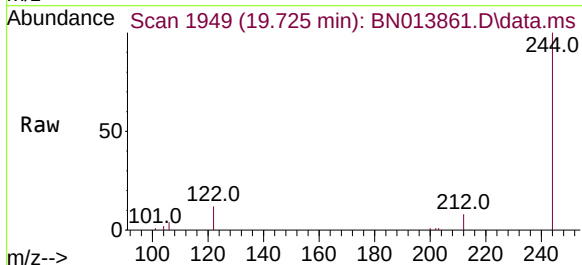
Instrument :
BNA_N
ClientSampleId :
GWBR3-150-160-030421

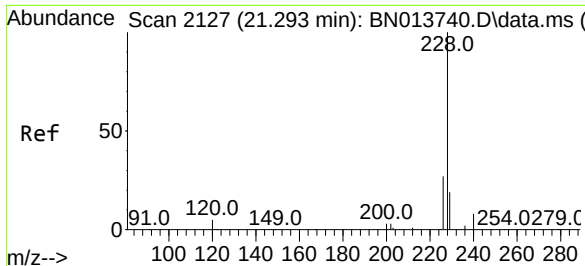
Tgt Ion:	202	Resp:	5279
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.3	24.5
203	20.4	14.0	21.0



#31
Terphenyl-d14
Concen: 0.45 ng
RT: 19.725 min Scan# 1949
Delta R.T. -0.005 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion:	244	Resp:	32683
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.1	9.1
122	12.0	9.8	14.8

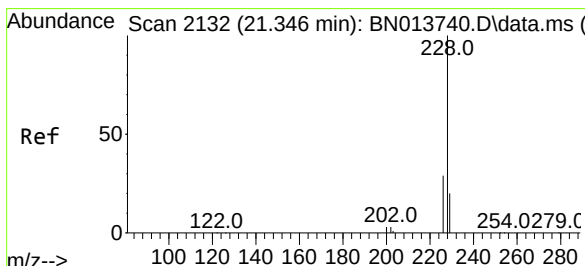
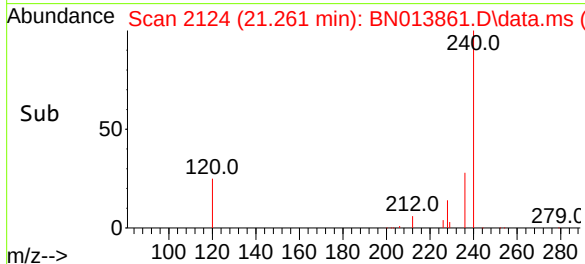
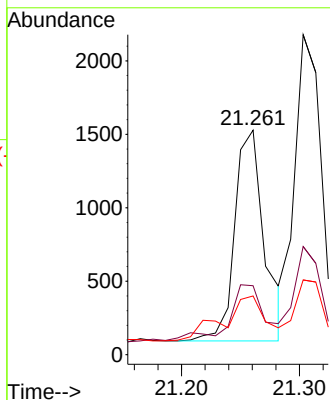
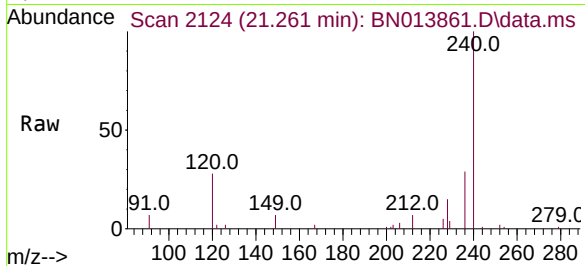




#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.261 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

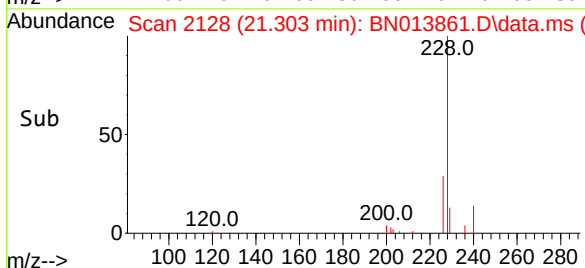
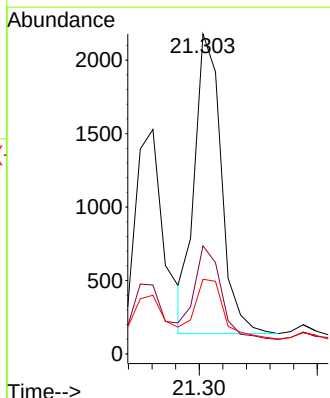
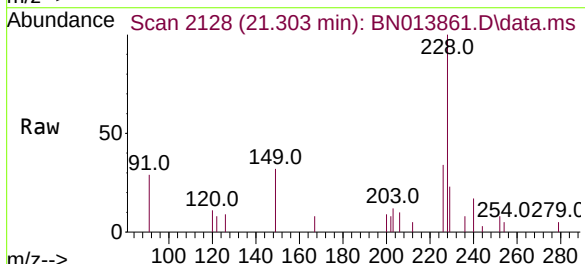
Instrument :
BNA_N
ClientSampleId :
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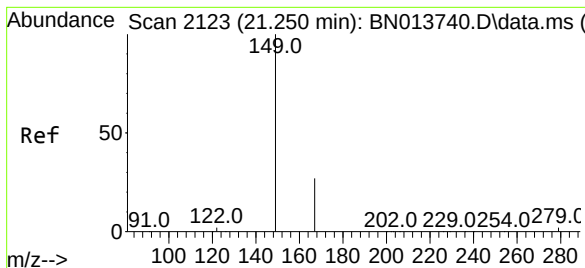
Tgt Ion:228 Resp: 2509
Ion Ratio Lower Upper
228 100
226 30.8 20.5 30.7#
229 26.2 16.2 24.4#



#33
Chrysene
Concen: 0.03 ng
RT: 21.303 min Scan# 2128
Delta R.T. -0.010 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion:228 Resp: 3203
Ion Ratio Lower Upper
228 100
226 33.8 24.3 36.5
229 23.4 15.1 22.7#

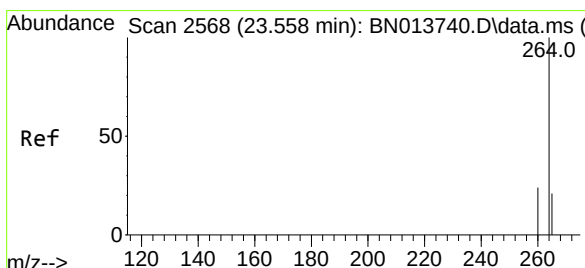
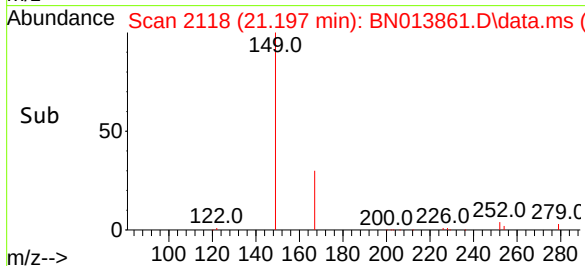
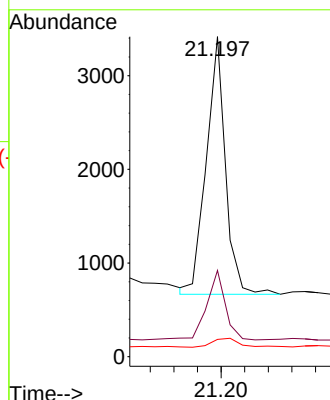
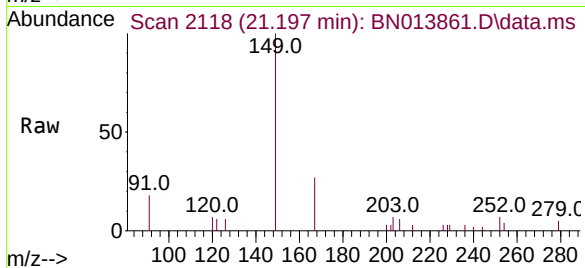




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.06 ng
 RT: 21.197 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: BN013861.D
 Acq: 05 Mar 2021 16:03

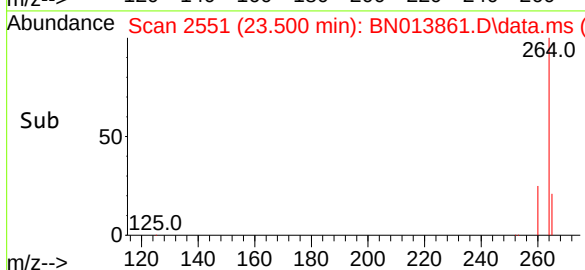
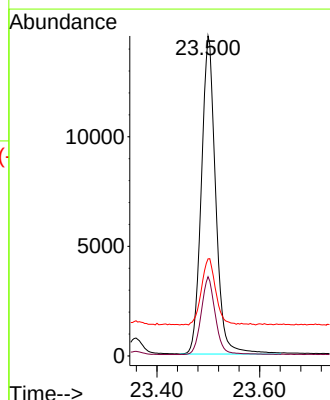
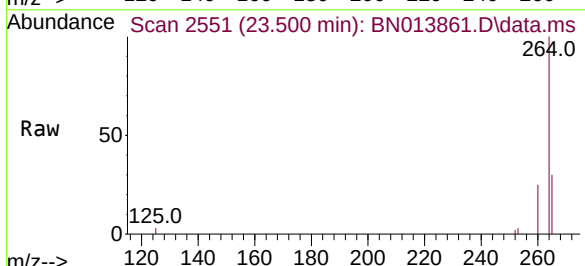
Instrument :
 BNA_N
 ClientSampleId :
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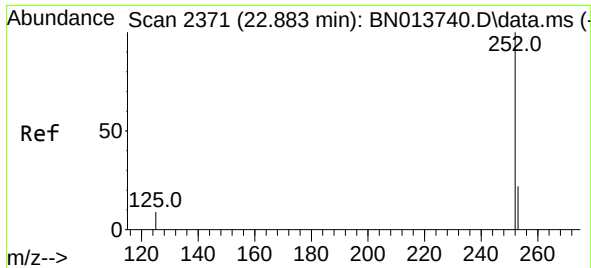
Tgt Ion:	149	Resp:	3094
Ion Ratio	Lower	Upper	
149	100		
167	26.6	22.1	33.1
279	5.0	3.5	5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.500 min Scan# 2551
 Delta R.T. -0.003 min
 Lab File: BN013861.D
 Acq: 05 Mar 2021 16:03

Tgt Ion:	264	Resp:	28003
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.3	28.9
265	30.3	66.2	99.4#

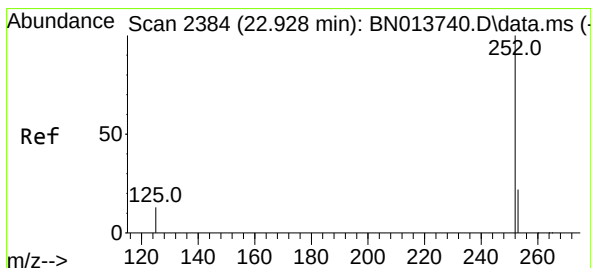
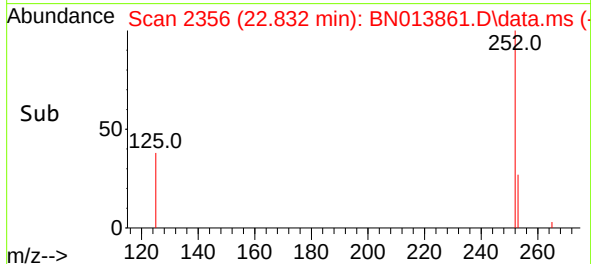
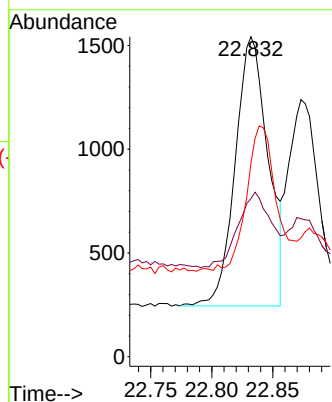
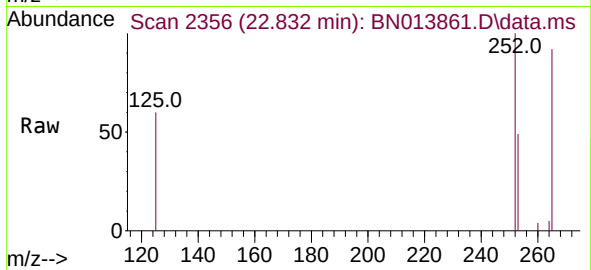




#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.832 min Scan# 2356
Delta R.T. -0.003 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Instrument :
BNA_N
ClientSampleId :
GWBR3-150-160-030421

Tgt Ion:252 Resp: 2432
Ion Ratio Lower Upper
252 100
253 49.4 20.4 30.6#
125 60.4 11.6 17.4#



#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.873 min Scan# 2368
Delta R.T. -0.007 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion:252 Resp: 1741
Ion Ratio Lower Upper
252 100
253 53.7 20.5 30.7#
125 46.2 12.3 18.5#

